

FORM PTO-1449 (Modified)

Docket No.: ECV-5510CON

Serial No. Unknown

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

Applicant: Crystal M. Cunanan et al.

Filing Date: Herewith

Art Unit: Unknown

## UNITED STATES PATENT DOCUMENTS

*Exr's Inits	Ref.	Patent No.	Date	Name	Class	Sub	Filing Date (if applicable)
LB	AA	4,511,653	04/16/85	Play et al.			
	AB	4,806,959	02/21/89	Townsend			
	AC	4,931,546	06/05/90	Tardy et al.			
	AD	5,080,670	01/14/92	Imamura et al.			
	AE	5,166,187	11/24/92	Collombel et al.			
	AF	5,201,745	04/13/93	Tayot et al.			
	AG	5,332,475	07/26/94	Mechanic			
	AH	5,410,060	04/25/95	Schroeder et al.			
	AI	5,416,074	05/16/95	Rabaud et al.			
	AJ	5,436,135	07/25/95	Tayot et al.			
	AK	5,654,135	08/05/97	Tinois et al.			
	AL	5,885,829	03/23/99	Mooney et al.			
	AM	6,093,530	07/25/00	McIlroy et al.			

## FOREIGN PATENT DOCUMENTS

Exr's Init.	Ref.	Document No.	Date	Country	Class	Sub	Translation? Yes	No
LB	AN	WO00/18445	04/06/00	WIPO			X	
	AO	EP0214035	03/18/92	Europe			X	

## OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)

Exr's Inits	Ref.	Bibliographic Data
LB	1	Peracchia, et al. "New Glutaraldehyde Fixation Procedures", J. Ultrastructure Research 39, 57-64 (1972)
	2	F. J. Schoen "Pathologic Findings in Explanted Clinical Bioprosthetic Valves Fabricated from Photooxidized Bovine Pericardium", The Journal of Heart Valve Disease 1998;7:174-179
	3	M. A. Moore "Pericardial Tissue Stabilized by Dye-Medicated Photooxidation: A Review Article" The Journal of Heart Valve Disease 1997; 6:521-526
	4	R. W. Bianco, et al. "Feasibility Evaluation of a New Pericardial Bioprosthesis with Dye Mediated Photo-Oxidized Bovine Pericardial Tissue", The Journal of Heart Valve Disease 1996;5:317-322

Exr's. Inits.	Ref.	Bibliographic Data
LBC	5	M. A. Moore, et al. "Biocompatibility and Immunologic Properties of Pericardial Tissue Stabilized by Dye-Medicated Photooxidation" The Journal of Heart Valve Disease 1997;6:307-315
	6	M. A. Moore, et al. "Shrinkage Temperature Versus Protein Extraction as a Measure of Stabilization of Photoxidized Tissue", Journal of Biomedical Materials Research, Vol. 32, 209-214 (1996)
	7	M.A. Moore, et al., "Stabilization of pericardial tissue by dye-mediated photooxidation" Journal of Biomedical Materials Research, Vol. 28, 611-618 1994
	8	B. K. McIlroy et al., "Chemical Modification of Bovine Tissues by Dye-Medicated Photooxidation", The Journal of Heart Valve Disease 1997;6:416-423
<div> <div>Examiner</div> <div>LANKFORD</div> <div>Date Considered</div> <div>12/9/4</div> </div>		
<p>* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. §609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	Unknown
		Filing Date	Herewith
		First Named Inventor	Cunanan, Crystal M., et. al.
		Art Unit	Unknown
		Examiner Name	Unknown
Page 3 of 4	Attorney Docket Number	ECV-5510CON	

U.S. PATENT DOCUMENTS					
Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LBC	AA	US-5,931,969	08/03/1999	Carpentier, et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
							<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LBC	AB	Berubi, et al., "Results of up to 9 years of high-temperature-fixed valvular bioprostheses in a young population," <i>Ann Thorac Surg</i> , 71:S353-5 (2001)	
	AC	Byard, et al., "A hot aldehyde-peroxide fixation method for electron microscopy of the free-living nematode <i>Caenorhabditis Elegans</i> ," <i>Stain Technology</i> , 61(1):33-38 (1986)	
	AD	Carpentier, et al., "Biochemical properties of heat-treated valvular bioprostheses," <i>Ann Thorac Surg</i> , 71:S410-2 (2001)	
	AE	Cunanan, et al., "Tissue characterization and calcification potential of commercial bioprosthetic heart valves," <i>Ann Thorac Surg</i> , 71:S417-21 (2001)	
	AF	Login, et al., "Microwave energy fixation for electron microscopy," <i>Am J Pathol</i> , 120(2):230-243 (1985)	
	AG	Ruijgrok, et al., "Glutaraldehyde crosslinking of collagen: Effects of time, temperature, concentration and presoaking as measured by shrinkage temperature," <i>Clinical Materials</i> , 17:23-27 (1994)	

Examiner Signature	LANKFORD	Date Considered	12/9/4
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>Applicant is to place a check mark here if English language Translation is attached.  
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional)

ECV-5510CON

Application Number

Unknown

Applicant(s)

Cunanan et al.

Filing Date

Herewith

Group Art Unit

Unknown

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LB		6,210,957	4/03/01	Carpentier et al.			
		6,350,732	2/26/02	Moore et al.			
		5,819,748	10/1998	Pfaffmann			
		5,934,283	10/1999	Willem et al.			
		5,697,972	12/1997	Kim et al.			
		5,821,343	10/1998	Keogh			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

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12/9/4

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